



 **3500 DPI** PRECISION OPTICAL SENSOR

SPAWN

USER MANUAL - ENGLISH

CMSTORM SPAWN

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INTRODUCTION

CMSTORM SPAWN



THE SPAWN - LIGHTWEIGHT, ERGONOMIC, AND FORGED WITH A REASSURINGLY SOLID DESIGN. THE SPAWN GAMING MOUSE IS AN ARMED DEVICE ESPECIALLY CRAFTED FOR CLAW GRIP GAMERS.

PRECISE ON SIGHT AND SPECIALLY MADE FOR IN-GAME TACTICAL INCISIONS, THE SPAWN IS TOPPED WITH AN ULTRA HIGH-PERFORMANCE 3500 DPI SENSOR, AN ULTRA-STEP WHEEL ENCODER, AND ARMED WITH JAPANESE-MADE ONLY OMRON MICRO-SWITCHES. STRENGTHENING EACH ACTUATION SENSORY DEVICE WITH THE HIGHEST QUALITY, EACH MOVEMENT, EVEN IN SMALLEST DISTANCE FLIES TRUE - MAKING THE SPAWN THE BEST GAMING DEVICE FOR FPS PLAYERS.

PRESENTED IN A CRIMSON RED HIGH-GLOSS FINISH, THE SPAWN IS AESTHETICALLY ENHANCED AND VISUALLY BREATHTAKING. GET YOUR PAWS ON THE SPAWN NOW AND FEEL THE ULTIMATE DIFFERENCE.

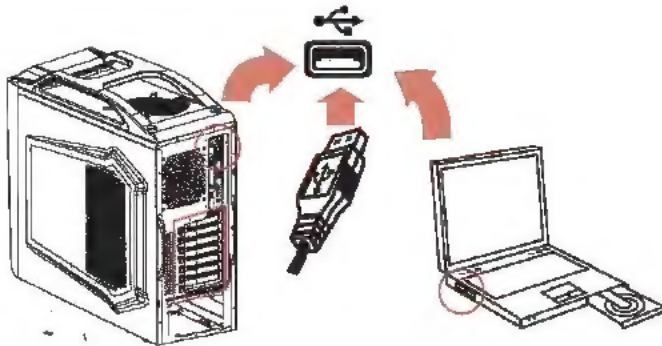
SPAWN OUTLOOK



- A Button 1 Left Click
- B Button 2 Right Click
- C Button 3 Scroll Wheel
- D Button 4 DPI+
- E Button 5 DPI-
- F Button 6 Side Button [IE, Forward]
- G Button 7 Side Button [IE, Backward]
- H Grip Superior Anti-Slip Rubberized Grip Design
- I Sensor Precision Anti-Drift Control Sensor

INSTALLATION

SPAWN START UP GUIDE



SYSTEM REQUIREMENTS:

WINDOWS® 2000/XP/VISTA/7

FREE USB PORT

For software download please visit:

<http://www.cmstorm.com/en/products/peripherals/spawn/>

THE SPAWN GAMING MOUSE IS A FULL SPEED, PLUG AND PLAY USB DEVICE. JUST DOWNLOAD THE SOFTWARE FROM OUR WEBSITE AND YOU WILL BE ABLE TO CUSTOMIZE YOUR MOUSE AND SAVE THE SETTINGS TO THE SPAWN'S INTERNAL MEMORY. ALTHOUGH MOST USB PORTS TODAY ARE HOT-SWAPPABLE, WE DO RECOMMEND SHUTTING DOWN YOUR SYSTEM BEFORE PLUGGING IN OR REMOVING THE USB DEVICE.

- STEP 1:** PLUG THE SPAWN GAMING MOUSE INTO ANY FREE USB PORT ON YOUR COMPUTER SYSTEM.
- STEP 2:** TURN ON THE COMPUTER SYSTEM; WINDOWS® WILL AUTOMATICALLY INSTALL THE NECESSARY PROGRAMS.
- STEP 3:** OPEN->CONTROL PANEL->SYSTEM->HARDWARE->DEVICE MANAGER AND CONFIRM THAT YOUR MOUSE IS WORKING PROPERLY.
- STEP 4:** DOWNLOAD THE LATEST DRIVERS FROM <http://www.cmstorm.com/en/products/peripherals/spawn/>
- STEP 5:** AFTER INSTALLING THE SPAWN APPLICATION, YOU CAN LOAD IT FROM THE SYSTEM TRAY ON THE BOTTOM RIGHT HAND CORNER
- STEP 6:** CUSTOMIZE YOUR SPAWN THROUGH THE STORM TACTIC AP SOFTWARE

NOTE:

- 1** REGULAR UPDATES WILL BE AVAILABLE FOR THE SPAWN. FOR THE LATEST FIRMWARE PLEASE VISIT THE CM STORM HOME PAGE: [HTTP://WWW.CMSTORM.COM](http://www.cmstorm.com).
- 2** THE SPAWN IS A HIGH PERFORMANCE GAMING MOUSE WITH MASS DATA TRANSFER RATES. TO ENSURE OPTIMAL PERFORMANCE WE DO RECOMMEND PLUGGING THE MOUSE DIRECTLY TO SYSTEM USB PORT AND NOT A USB HUB.

MAIN CONTROL

CONFIGURING YOUR STORM TACTIC AP SOFTWARE



MAIN CONTROL

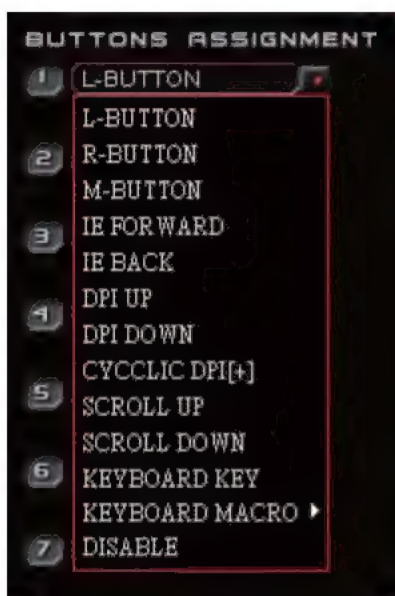
THE MAIN CONTROL ALLOWS USERS TO HAVE FULL CONTROL OVER DPI LEVELS, INTRINSIC MOUSE SETTINGS, AND PROGRAMMABLE BUTTON ASSIGNMENTS. AFTER CONFIGURATION IS COMPLETE, YOU CAN SAFEGUARD ALL YOUR SETTINGS INSIDE THE 32KB SENTINEL-X™ ONBOARD MEMORY; ALL SETTINGS ARE MANAGEABLE WITHIN THE ON-BOARD MEMORY.

NOTE: ALL SETTINGS CAN BE STORED INTERNALLY, ALLOWING APPLIED SETTINGS TO BE UTILIZED ON ANOTHER COMPUTER WITHOUT THE STORM TACTIC AP SOFTWARE INSTALLED.

MAIN CONTROL MODULES:

- BUTTON ASSIGNMENT
- DOUBLE CLICK SPEED
- SCROLL SPEED
- POINTER ACCELERATION
- ANGLE SNAPPING

MAIN CONTROL BUTTON ASSIGNMENT



FROM THE DROP DOWN MENU, YOU CAN RE-DEFINE EACH BUTTON BASED ON YOUR OWN PREFERENCE.

IN ADDITION TO BUTTONS RE-ASSIGNMENT, THERE ARE ALSO VARIOUS FUNCTIONS TO UTILIZE SUCH AS MACROS, AND KEYBOARD KEY

NOTE: TO ASSIGN SCRIPTS AND MACROS TO A SPECIFIC BUTTON, YOU MUST FIRST RECORD MACRO OR SCRIPT IN THE CORRESPONDING MENU OF YOUR SELECTION.

GENERAL BUTTON ASSIGNMENTS

DISABLE:	SWITCHES THE MOUSE BUTTON OFF
L-BUTTON	LEFT CLICK
R-BUTTON	RIGHT CLICK
M-BUTTON	SCROLL WHEEL CLICK
IE FORWARD	SELECT THE NEXT PREVIOUSLY SELECTED PROGRAM OR WEBSITE
IE BACK	SELECT THE PREVIOUS PROGRAM OR WEBSITE
DPI UP	INCREASES DPI RESOLUTION
DPI DOWN	DECREASE DPI RESOLUTION
CYCLIC DPI (+)	DPI RESOLUTION LOOP INCREASE
KEYBOARD KEY	ASSIGNS A KEYBOARD KEY TO BUTTON
KEYBOARD MACRO	ASSIGNS PRESET MACRO TO BUTTON
SCROLL UP	PAGE SCROLL UP
SCROLL DOWN	PAGE SCROLL DOWN

MAIN CONTROL ADVANCED SETTING ASSIGNMENT



DOUBLE CLICK SPEED



THE DOUBLE-CLICK RESPONSE SLIDER AREA ALLOWS YOU TO ADJUST YOUR DOUBLE-CLICK SPEED FROM SLOW TO FAST. ESSENTIALLY SLOW MEANS A LONGER INTERVAL BETWEEN EACH CLICK, AND FAST AS A SHORTER INTERVAL BETWEEN EACH CLICKS.

POINTER ACCELERATION



ADJUST WINDOWS POINTER ACCELERATION HERE FROM LOW TO HIGH. WE RECOMMEND HAVING IT OFF IF YOU ARE A FPS PLAYER.

SCROLL SPEED



CONTROL THE SPEED OF YOUR SCROLL WHEEL WITH 1 AS SLOWEST AND 6 AS FASTEST.

ANGLE SNAPPING



ANGLE SNAPPING IS A BUILT IN ALGORITHM THAT TOGGLES VELOCITY PREDICTIONS. (THIS HELPS YOU DRAW STRAIGHTER LINES)

NOTE:

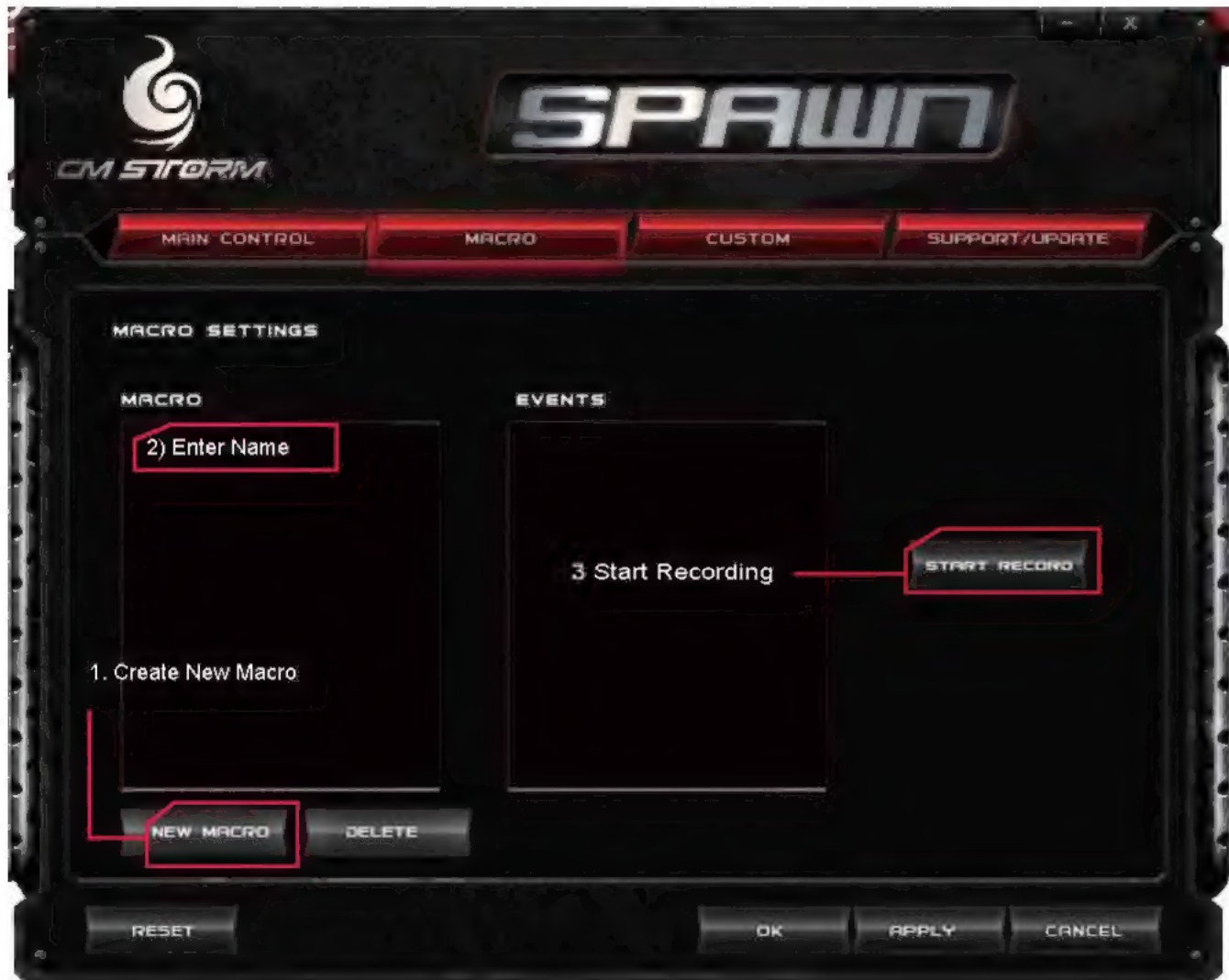
ENABLE ANGLE SNAPPING IF YOU ARE A FPS PLAYER.

MACRO

CONFIGURING YOUR STORM TACTIC MACRO SUPPORT

MACRO FUNCTION

VITAL TO IN-GAME SITUATIONS AND TO FURTHER FORTIFY INPUT PERFORMANCE, THE STORM TACTICS MACRO SUPPORT SYSTEM ALLOWS GAMERS TO RECORD ALL KEYBOARD INPUTS AND STORE ITS ACTUATION INTO A MOUSE BUTTON OF CHOICE.



CREATING A MACRO

UNDER THE "MACRO" MENU CLICK NEW MACRO TO CREATE A BRAND NEW MACRO, ENTER A NAME FOR THE MACRO AND START RECORDING. USERS MAY ASSIGN THE MACRO TO ANY BUTTON LATER IN THE MAIN CONTROL AREA.

CUSTOM CUSTOM CONFIGURATION FOR SPAWN



DPI LEVEL CONTROL



WITH DEFAULT DPI LEVELS SET AT 800, 1800 AND 3500; YOU CAN MANUALLY ORGANIZE EACH STEP TO DESIRED DPI.

POLLING RATE



THE USB POLLING RATE CAN BE SET TO 125HZ, 250HZ, 500HZ, AND OR 1000HZ.

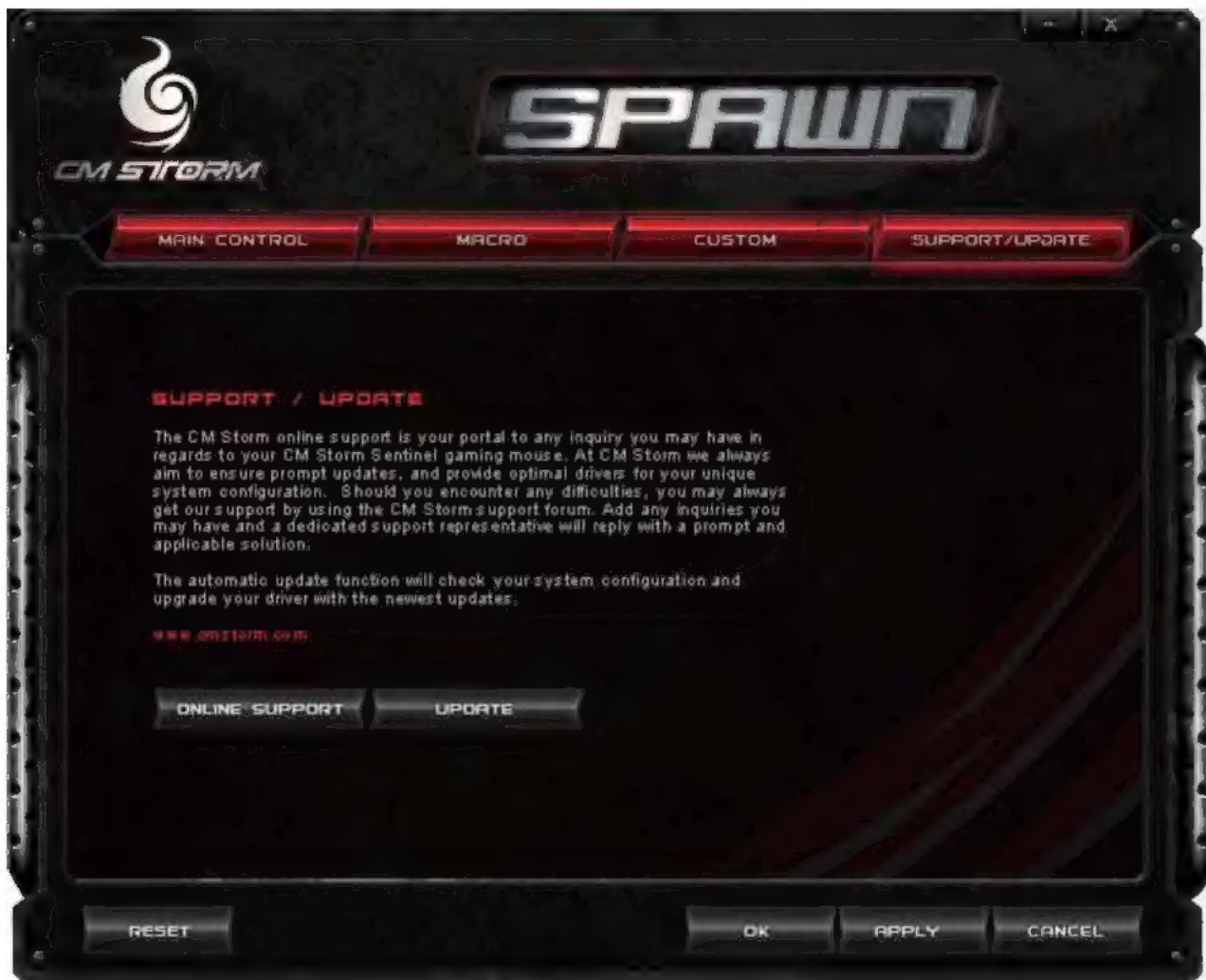
THE HIGHER THE USB REPORT RATE THE MORE TIMES THE COMPUTER COMMUNICATES WITH THE MOUSE WITH INFORMATION, AT A HIGH DPI RESOLUTION WE SUGGEST SETTING THE REPORT RATE ABOVE 500HZ.

POINTER SPEED



ADJUST WINDOWS POINTER SENSITIVITY HERE FROM SLOW TO FAST. WE RECOMMEND KEEPING THE SENSITIVITY LEVEL IN THE MIDDLE UNDER REGULAR USAGE, AND TUNING THE SENSITIVITY SLOWER WHILE OPERATING UNDER A HIGH DPI SETTING SUCH AS 3500DPI.

SUPPORT AND UPDATE CUSTOM CONFIGURATION FOR SPAWN



TECHNICAL SUPPORT

FOR TECHNICAL SUPPORT AND THE LATEST DRIVERS AND FIRMWARE, PLEASE VISIT

WWW.CMSTORM.COM

EMAIL: ESERVICE.TW@CMSTORM.COM

UPDATE FIRMWARE

DOWNLOAD THE LATEST FIRMWARE FROM CM STORM WEBSITE AND CLICK UPDATE TO LOAD THE LATEST FIRMWARE.

WARRANTY

TWO YEARS' LIMITED MANUFACTURER'S WARRANTY



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For the most updated information, please visit our official website: <http://www.cmstorm.com>

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